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SUBTITLE B GUIDELINES

Sustainable Agriculture Research and Education Program

**Cooperative State Research Service
Extension Service
United States Department of Agriculture
Washington, D.C. 20250**

April 1992

Preface

Title XVI of the Food, Agriculture, Conservation and trade Act of 1990 authorizes research and education programs designed to:

Continue to satisfy human food and fiber needs;

- **enhance the long-term viability and competitiveness of the food production and agricultural system of the United States within the global economy;**
- **expand economic opportunities in rural America and enhance the quality of life for farmers, rural citizens, and society as a whole;**
- **improve the productivity of the American agricultural system and develop new agricultural crops and new uses for agricultural commodities;**
- **develop information and systems to enhance the environment and the natural resource base upon which a sustainable agricultural economy depends; or**

Enhance human health -

- **by fostering the availability and affordability of a safe, wholesome, and nutritious food supply that meets the needs and preferences of the consumer; and**
- **by assisting farmers and other rural residents in the detection and prevention of health and safety concerns (Section 1602).**

Subtitle B of Title XVI authorizes research and education programs in Sustainable Agriculture. The Guidelines for implementation of Subtitle B (Sustainable Agriculture Research and Education Program) were developed by a USDA Task Force and reviewed by animal agriculture, crop agriculture, sustainable agriculture, environmental, and consumer interest organizations, and government and academia. **Text printed in bold type is a direct quotation from the 1990 Farm Bill.** References are made throughout the Guidelines to appropriate authorizing Sections of the legislation.

G.W. Bird, CSRS
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JUL 20 1994

CATALOGING PREP.

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KEY DEFINITIONS

Sustainable Agriculture

Sustainable Agriculture is an integrated system of plant and animal production practices having a site-specific application that will, over the long-term; satisfy human food and fiber needs; enhance environmental quality and the natural resource base upon which the agriculture economy depends; make the most efficient use of nonrenewable resources and on-farm resources and integrate, where appropriate, natural biological cycles and controls; sustain the economic viability of farm operations; and enhance the quality of life for farmers/ranchers and society as a whole (Sec.1603 and Appendix 1.1).

Integrated Crop Management

Integrated Crop Management (ICM) is a crop production management system that integrates all controllable factors for long-term sustained productivity, profitability, and ecological soundness (Sec.1627).

Integrated Resource Management

Integrated Resource Management (IRM) is a livestock production management system which utilizes an interdisciplinary systems approach that integrates all controllable practices to provide long-term sustained productivity and profitable production of safe and wholesome food in an environmentally sound manner. (Sec. 1619).

Integrated Management Systems

Integrated Management Systems (IMS) is an agricultural production management system that utilizes an interdisciplinary systems approach to integrate all controllable practices to provide long-term sustained productivity and profitable production of safe and wholesome food in an environmentally sound manner. It includes both ICM and IRM (Sec 1627).

Agribusiness

Agribusiness means a producer or organization engaged in an agricultural enterprise with a profit motive (Sec. 1619).

NSAAC

NSAAC refers to the National Sustainable Agriculture Advisory Council. NSAAC was mandated under the Food, Agriculture, Conservation and Trade Act of 1990 (Sec. 1622).

Nonprofit Organization

Nonprofit organization means an organization, group, institute or institution that has a demonstrated capacity to conduct agricultural research or education programs; has experience in research, demonstration, education or extension in Sustainable Agriculture practices and systems; and qualifies as a nonprofit organization under section 501c of the Internal Revenue Code of 1986 (Sec. 1619).

Site-Specificity

Site Specific recognizes that each farm/ranch and each field may be different. Appropriate management practices must be developed and made readily available to provide a basis for decisions by farmers/ranchers.

Overview

The Food, Agriculture, Conservation and Trade Act of 1990 authorizes research and education in Sustainable Agriculture under Subtitle B of Title XVI. Subtitle B contains three Chapters:

- **Best Utilization Of Biological Applications** (Chapter 1, Sec. 1621-1624).
- **Integrated Management Systems** (Chapter 2, Sec. 1627) and
- **Sustainable Agriculture Technology Development And Transfer program** (Chapter 3, Sec. 1628-1629).

Sustainable agriculture is defined in Section 1603 of Subtitle A of Title XVI as **an integrated system of plant and animal production practices having a site-specific application that will, over the long-term:**

- **satisfy human food and fiber needs;**
- **enhance environmental quality and the natural resource base upon which the agriculture economy depends;**
- **make the most efficient use of non-renewable resources and integrate, where appropriate, natural biological cycles and controls;**
- **sustain the economic viability of farm/ranch operations; and**
- **enhance the quality of life for farmers/ranchers and society as a whole.**

Subtitle B replaces Subtitle C of Title XIV (Agricultural Productivity Research) of the Food Security Act of 1985, (known as Low Input Sustainable Agriculture or LISA).

The *Guidelines* for Subtitle B provide an operational framework for implementation of programs enabled by this Subtitle. The Chapters of this subtitle have the potential to form interactive continuum. The *Guidelines* outline a coordinated strategy for administering Subtitle B under a single management framework; and in a manner that makes the results of the Sustainable Agriculture research and education projects of this Subtitle available to the entire United States agricultural and food community; while maintaining the integrity of the components of the legislation.

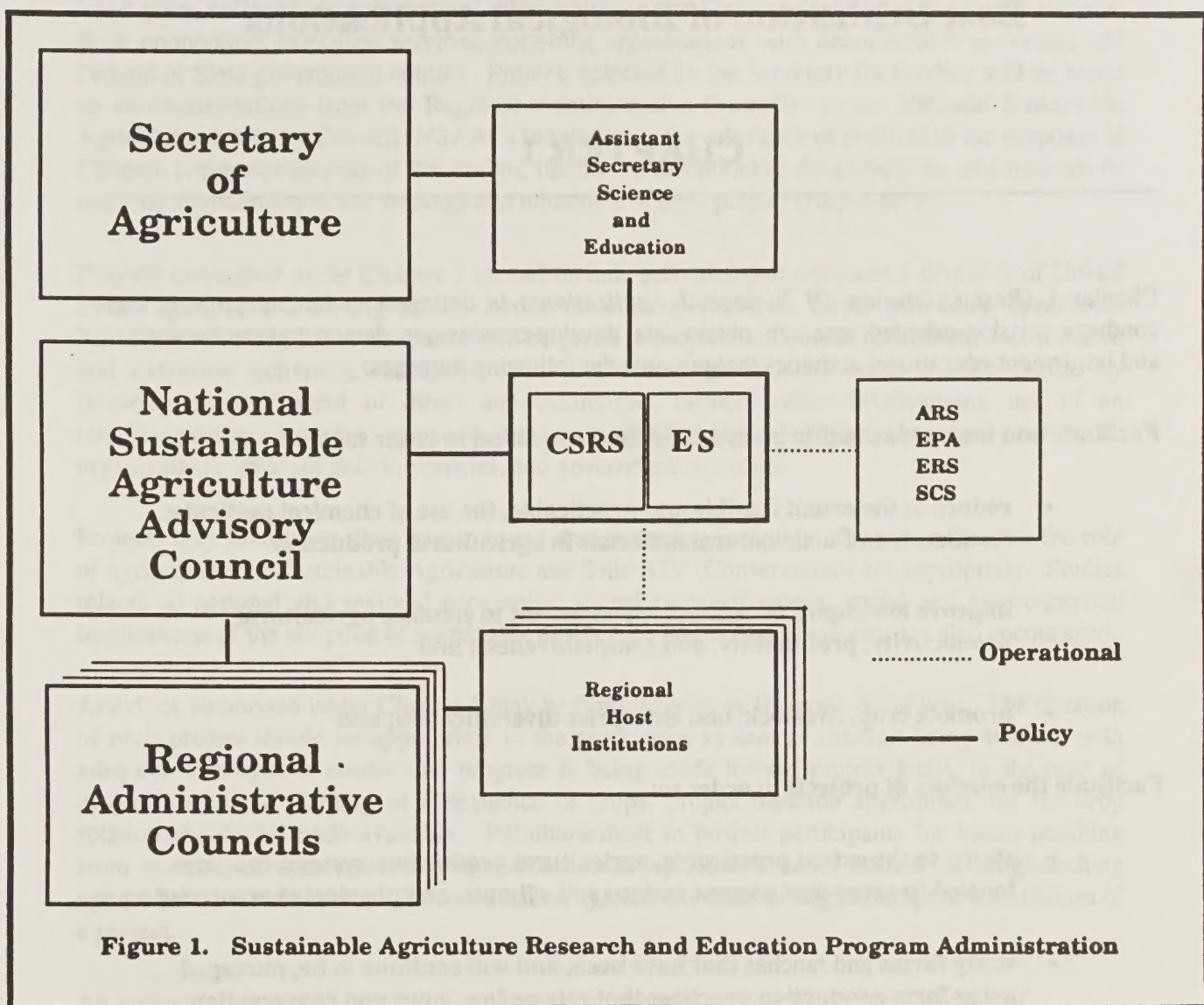
Sustainable Agriculture Research and Education

SUBTITLE B

Subtitle B provides authorization for a significant increase in Sustainable Agriculture Research and Education. This Subtitle is designed to enhance new partnerships among farmers/ranchers, non-profit organizations, agribusiness, academia and government: resulting in socioeconomically and environmentally sound agricultural systems. The purpose of Subtitle B is to **encourage research and education designed to increase knowledge and extend information about Sustainable Agricultural production systems that:**

- **maintain and enhance the quality and productivity of the soil;**
- **conserve soil, water, energy, natural resources, and fish and wildlife habitat;**
- **maintain and enhance the quality of surface and ground water;**
- **protect the health and safety of persons involved in the food and farm/ranch system;**
- **promote the well being of animals; and**
- **increase employment opportunities in agriculture (Sec. 1619 and Appendic 1.1 and 1.2).**

The *Guidelines* provide for involvement of private and public sectors in a coordinated multi-organizational management plan designed to facilitate implementation of the Sustainable Agriculture Research and Education Program in a manner consistent with the legislatively mandated authorities of Subtitle B. The *Guidelines* provide for the Secretary of the United States Department of Agriculture (USDA) to have responsibility for administration of Subtitle B through the Cooperative States Research Service (CSRS) and Extension Service (ES) in conjunction with the National Sustainable Agriculture Advisory Council (NSAAC), a minimum of four Regional Administrative Councils, the Agricultural Research Service (ARS) and other appropriate agencies (Figure 1).



Best Utilization of Biological Applications

CHAPTER 1

Chapter 1 (*Best Utilization Of Biological Applications*) is designed to initiate projects that conducts mission-oriented research, obtain data, develop conclusions, demonstrate technologies, and implement educational activities that promote the following purposes:

Facilitate and increase scientific investigation and education in order to:

- **reduce to the extent feasible and practicable, the use of chemical pesticides, fertilizers, and toxic natural materials in agricultural production.**
- **improve low-input farm/ranch management to enhance agricultural productivity, profitability, and competitiveness; and**
- **promote crop, livestock, and enterprise diversification; and**

Facilitate the conduct of projects in order to:

- **study, to the extent practicable, agricultural production systems that are located in areas that possess various soil, climate, and physical characteristics;**
- **study farms and ranches that have been, and will continue to be, managed using farm production practices that rely on low-input and conservation practices;**
- **take advantage of the experience and expertise of farmers and ranchers through their direct participation and leadership in projects;**
- **transfer practical, reliable and timely information to farmers and ranchers concerning low-input sustainable farming practices and systems; and**
- **promote a partnership between farmers/ranchers, nonprofit organizations, agribusiness, and public and private research and extension institutions (Sec. 1621).**

The Projects authorized under Chapter 1 will be implemented through agreements with Land-grant colleges or universities, other universities, State agricultural experiment stations, State cooperative extension services, nonprofit organizations with demonstrable expertise, and Federal or State government entities. Projects selected by the Secretary for funding will be based on recommendations from the Regional Administrative Councils to the National Sustainable Agriculture Advisory Council (NSAAC) in relation to the relevance of projects to the purposes of Chapter 1, appropriateness of the design, likelihood of obtaining the objectives, and national or regional applicability of the findings and outcomes of each project (Appendix 2).

Projects conducted under Chapter 1 should include activities that represent a diversity of United States agriculture including family farms, mixed-crop livestock farms and dairy operations. Priority for funding under Chapter 1 will be given to projects with close coordination of research and extension activities, indication of how the findings will be made readily usable by farmers/ranchers, extent of direct and meaningful farmer/rancher involvement, use of an interdisciplinary systems approach, and cooperation between farms/ranches, non-profit organizations, colleges and universities, and government agencies.

Projects may involve on-farm research and demonstration activities. Projects related to the role of agribusiness in Sustainable Agriculture and Title XIV (Conservation) are appropriate. Studies related to national and regional economics, global competitiveness, social and environmental implications of the adoption of sustainable agriculture practices and systems are also encouraged.

Activities authorized under Chapter 1 may be funded for more than one fiscal year. The duration of each project should be appropriate to the production system or rotation being studied, with adequate oversight to ensure that progress is being made toward project goals. In the case of projects requiring planting of a sequence of crops, project duration appropriate for the crop rotation should be made available. Reimbursement to project participants for losses resulting from research or demonstration requirements not experienced under normal farming/ranching operations can be authorized. Indemnification agreements must be negotiated prior to initiation of a project.

An appropriation of \$40,000,000 is authorized for each fiscal year for implementation of Chapter 1. Specific Guidelines are available for Chapter 1. Copies can be obtained by contacting:

Sustainable Agriculture Research and Education Program
USDA/CSRS, 14th & Independence Ave., SW
Suite 342, Aerospace Building
Washington, DC 20250
(202) 401-4640
(202) 401-5179 FAX

Federal - State Matching Grant Program

Subtitle B authorizes establishment of a Federal-State Matching Grant Program to provide resources to states to assist in the creation or enhancement of state research, extension, and education programs in Sustainable Agriculture. States eligible to receive a grant under this section may conduct a variety of activities, including:

- encouraging the incorporation and integration of sustainable agriculture concerns in all State research, extension and education projects.
- educational programs for farmers/ranchers, educators, and the public.
- development and funding of innovative research, extension and education programs regarding sustainable agriculture.
- conduct research and demonstration projects.
- provide technical assistance to farmers and ranchers.
- activities that encourage farmer to farmer and rancher to rancher information exchanges.
- incorporation of sustainable agriculture studies in undergraduate and graduate degree programs.
- other activities that are appropriate to the agricultural concerns of the State that are consistent with the purpose of this chapter (Sec. 1623).

The Federal-State Matching Grant Program is authorized under Chapter 1. Participating States are required to provide at least 50% matching funds, and to have direct multi-organizational participation of farmers or ranchers and other appropriate organizations. This should include meaningful involvement of these organizations in the development, implementation or evaluation of the program. Funds for this program will not become available until appropriations for Chapter 1 exceed \$15,000,000 (see Congressional Manager's Notes).

Integrated Management Systems

CHAPTER 2

The goal of Chapter 2 (*Integrated Management Systems*) is to establish a research and education program designed to enhance activities related to farming/ranching operations, practices, and systems that optimize crop and livestock production potential in an environmentally sound manner. The Chapter is divided into components on the development and adoption of *Integrated Crop Management Practices* (ICM) and *Integrated Resource Management Practices* (IRM). The purpose of Chapter 2 is to:

- **encourage producers to adopt integrated crop and livestock management practices and systems that minimize or abate adverse environmental impacts, reduce soil erosion and loss of water and nutrients, enhance the efficient use of on-farm inputs, and maintain or increase profitability and long-term productivity;**
- **develop knowledge and information on integrated crop and livestock management systems and practices to assist agricultural producers in the adoption of these systems and practices.**
- **accumulate and analyze information on agricultural production practices researched or developed under programs established under Subtitle B, Subtitle G of Title XIV, and Section 1650: and other appropriate programs of the Department of Agriculture designed to further the development of integrated crop and livestock management systems.**
- **facilitate the adoption of whole-farm/ranch integrated crop and livestock management systems through demonstration projects on individual farms/ranches including small and limited resource farms, throughout the United States.**
- **evaluate and recommend appropriate integrated crop and livestock management policies and programs (Sec.1627).**

The Integrated Management Systems (IMS) concept evolved over the past 15 years. It has resulted in the establishment of effective strategies for creating and promoting systems for a broad spectrum of agricultural producers.

Successful IMS projects are conducted under a number of federal and state programs designed to enhance the profitability and sustainability of crop and livestock production systems

(including marketing), through interdisciplinary and multi-organizational efforts that emphasize development and utilization of decision support systems and data bases linked to education and technology transfer programs. IMS emphasizes a whole-farm or ranch systems approach, which draws on research from a wide range of programs such as biological control of pests, integrated pest management (IPM), water quality, and food safety. IMS has resulted in a decrease in controllable system inputs.

Integrated Crop Management (ICM): ICM is a management strategy authorized under Chapter 2. It is defined as an agricultural management system that integrates all controllable agricultural production factors for long-term sustained productivity, profitability and ecological soundness. ICM activities are designed to encourage agricultural producers to adopt and develop individual, site-specific practices. ICM information shall be developed and disseminated in specific localities and crop producing regions including where:

- **water quality is impaired as a result of local or regional agricultural production practices; or**
- **the adoption of such practices may aid in the recovery of endangered or threatened species (Sec. 1627).**

Integrated Resource Management (IRM): IRM is a management strategy authorized under Chapter 2. It is defined as livestock management using an interdisciplinary systems approach which integrates all controllable agricultural production practices to provide long-term sustained productivity and profitable production of safe and wholesome food in an environmentally sound manner. IRM activities shall be designed to encourage livestock producers to develop and adopt individual, site-specific practices that are beneficial to producers and consumers through:

- **optimum use of available resources and improved production and financial efficiency for producers;**
- **identifying and prioritizing the research and educational needs of the livestock industry relating to production and financial efficiency, competitiveness, environmental stability, and food safety; and**
- **utilizing an interdisciplinary approach (Sec.1627).**

The *Guidelines* recognize that the goals underlying ICM and IRM are not mutually exclusive to those systems. In many cases a combination of ICM and IRM will facilitate the development and implementation of Sustainable Agriculture practices that fulfill the mandates of Subtitle B.

An appropriation of \$20,000,000 is authorized for implementation of Chapter 2. Specific ***Guidelines for Chapter 2*** will be developed by the Secretary in consultation with the National Sustainable Agriculture Advisory Council, Regional Administrative Councils, and other appropriate organizations.

Sustainable Agriculture Technology Development and Transfer Program

CHAPTER 3

Chapter 3 mandates the development of specific training and education activities designed to facilitate adoption of sustainable agriculture practices and systems. The components of this Chapter include:

- Development and distribution of Technical Guides and handbooks on Sustainable Agriculture,
- Establishment of a National Training Program in Sustainable Agriculture, including,
- Designation of Regional Training Centers for Extension and SCS specialists and others with the need for intensive training in Sustainable Agriculture education,
- Establishment of a Competitive Grants program to award funding for basic training for all other agricultural agents, and
- Designation of State Coordinators and Specialists in Sustainable Agriculture to coordinate training program participation and to coordinate outreach and local dissemination of sustainable agriculture information throughout the State (Sec. 1628-1629).

TECHNICAL GUIDES AND HANDBOOKS.- Chapter 3 authorizes the development of technical guides, handbooks and other educational materials for Sustainable Agriculture. It provides for regular revision and updating of these materials. The guides, handbooks and educational materials will be designed to describe production practices developed under the Agricultural Productivity Act (Subtitle C of Title XIV of the Food Security Act of 1985), Chapter 1, Chapter 2, water quality, IPM, and other appropriate research and education programs. This joint assignment with SCS is to be coordinated with both the water quality and wetlands/wildlife technical revisions required by other sections of the 1990 Farm Bill.

The products should include the use of modern communication and educational technologies. The guides, handbooks, and educational materials will also describe effective approaches and critical steps associated with the successful integration of research into site-specific whole-farm/ranch production systems based on the goals of Sustainable Agriculture. Examples

of topics to be covered include: diversified crop selection, rotations and soil building methods and practices, cover crops, tillage systems, nutrient and pest management, water and energy conservation, wildlife habitat improvement and protection; and livestock management.

The handbooks and guides, and other educational materials, will be designed to provide practical instructions and be organized in a way that facilitates the adoption of sustainable agriculture practices and systems by agricultural producers. They must address site-specific environmental and resource management issues related to the sustainability of farm/ranch profitability, including:

- **enhancing and maintaining the fertility, productivity and conservation of farmland and ranch soils, ranges, pastures, and wildlife,**
- **maximizing the efficient and effective use of agricultural inputs,**
- **protecting or enhancing the quality of water resources, and**
- **optimizing the use of on-farm/ranch and nonrenewable resources (Sec. 1628)**

The sustainable agriculture handbooks, guides and other educational materials mandated by Chapter 3 will be developed from recommendations made by the Secretary in consultation with the National Sustainable Agriculture Advisory Council, Soil Conservation Service and other appropriate agencies. They will be made available to the agricultural community through colleges and universities, State Cooperative Extension Services, Soil Conservation Service, other State and Federal agencies, and any other appropriate mechanisms. Authorization is given for appropriation of resources necessary to implement the *Technical Guides and Handbooks* component of Chapter 3.

National Training Program.- A *National Training Program* in Sustainable Agriculture, will be established for all agricultural Extension agents. Training will also be available for Soil Conservation Service field staff, and other professionals involved in providing information to farmers and ranchers. The purpose of the training is to develop understanding, competence and ability to teach the concepts relating to the establishment of Sustainable Agricultural production systems, with emphasis on farming/ranching systems and practices that promote the goals of Subtitle B, including strengthening the family farm system. Within five years, all agricultural Extension agents are to have completed this training. New agents must receive training in Sustainable Agriculture within 18 months of their employment.

Training in Sustainable Agriculture will be based on proven adult education methods and practices: including development of national and regional curriculum-based educational materials designed to lead toward the successful integration of methods and practices that enhance development of sustainable systems. Regional training programs involving intensive classroom

and field training for will be available for Extension specialists, county, district, and area agents, Soil Conservation Service field staff and other professionals (including agribusiness representatives and the financial community).

State or multi-state short courses and workshops will be used to provide emphasis on specific localized applications and problems. Curriculum-based programs will also be made available through video, satellite and teleconference technology.

REGIONAL TRAINING CENTERS.- Not less than two Regional Training Centers will be designated to coordinate and administer educational activities in Sustainable Agriculture. They will offer intensive educational programs involving classroom and field training for extension specialists and other individuals required to extend technical information. The centers will be located at existing facilities, and administered by organizations with demonstrated capability in sustainable agriculture. Subtitle B includes a prohibition on construction statement in relation to Regional Training Centers.

COMPETITIVE GRANTS IN TECHNOLOGY DEVELOPMENT AND TRANSFER.- A *Competitive Grants Program* is authorized under Chapter 3 to make awards to organizations, including Land-Grant colleges and universities, to carry out sustainable Agriculture training for county agents and other individuals (including the general public) that require basic information about sustainable agricultural practices. The purpose of the grants program is to make short courses and workshops in Sustainable Agriculture available in various regions of the United States. These educational programs must be designed to familiarize participants with the concepts and importance of Sustainable Agriculture.

STATE COORDINATORS AND REGIONAL SPECIALISTS IN SUSTAINABLE AGRICULTURE.- *Regional (District, Area, Multicounty)* Specialists in Sustainable Agriculture may be designated to assist county agents and farmers/ranchers implement production practices developed under Subtitle B, Section 1650 and other appropriate programs. The Regional Specialists should report to their State Coordinator for Sustainable Agriculture Programs. The Regional Specialists should be responsible for developing and coordinating local dissemination of Sustainable Agriculture information in a manner that is useful to the farmers/ranchers of the region.

An appropriation of \$20,000,000 is authorized for the *National Training Program (National Training Program, Regional Training Centers and Competitive Grants)* component of Chapter 3. Specific *Guidelines for Chapter 3* will be developed in concert with the purposes of Subtitle B by the Secretary in consultation with the National Sustainable Agriculture Advisory Council and Regional Administrative Councils.

Program Administration

SUBTITLE B

The Secretary of Agriculture is responsible for administration of Subtitle B through the Cooperative State Research Service (CSRS) and Extension Service (ES), in close cooperation with the Agriculture Research Service (ARS) and other appropriate agencies (Figure 1). The National Sustainable Agricultural Advisory Council (NSAAC), a minimum of four Regional Administrative Councils and selected host institutions will be used for implementation to Subtitle B. An Annual Report on the Sustainable Agriculture Research and Education Program authorized by this Subtitle will be submitted annually by April 1, to the Committee on Agriculture of the House of Representatives, the Committee on Agriculture, Nutrition, and Forestry of the Senate and NSAAC. The report will include results of the program; summary of data collected by the projects; recommendations for new basic or applied research and educational programs; number, length and type of projects proposed, funded and implemented by each region; and the national and regional economic, social and environmental implications of the adoption of practices developed under Subtitle B and Sec. 1650.

National Sustainable Agriculture Advisory Council

The Secretary shall appoint a *National Sustainable Agriculture Advisory Council* (NSAAC). NSAAC will be appointed in accordance with the United States Department of Agriculture Policy and Procedures for National Boards.

The Council shall be composed of 28 members appointed by the Secretary. The Council Chairperson and Vice-chairperson will be appointed by the Secretary from among the Council members. Vacancies on NSAAC shall be filled by the process used to appoint Council members and officers. A representative of the Cooperative State Research Service and Extension Service will serve as Co-Executive Secretary and provide the necessary staff support .

The Council shall be composed of the following members:

- Four farmers/ranchers with knowledge and expertise in sustainable agriculture practices and systems -- two representing Best Utilization of Biological Applications and one each representing Integrated Resource Management and Integrated Crop Management;
- One farm/ranch family member (other than a farmer or rancher) having demonstrable expertise in sustainable agriculture with special reference to the farm/ranch family and quality of rural life;

- Four private nonprofit organizations with demonstrable expertise in sustainable agriculture -- two representing research or demonstration in the area of Best Utilization of Biological Applications, and one each representing organizations involved in Integrated Resource Management and Integrated Crop Management.
- One human nutrition specialist with interest or expertise in sustainable agriculture;
- Four representatives of agribusiness with knowledge and expertise in sustainable agriculture -- two representing production system inputs, one representing independent consultants, and one representing post-harvest enterprises; and

One representative from each of the following:

- | | |
|---|---|
| • Agricultural Research Service, | • Food Safety and Inspection Service |
| • Cooperative State Research Service, | • National Agricultural Library, |
| • Extension Service, | • Environmental Protection Agency, |
| • Soil Conservation Service, | • Farmers Home Administration, |
| • State Cooperative Extension Services, | • Board on Agriculture of the National Academy of Sciences, |
| • State Agricultural Experiment Stations, | • United States Geological Survey; and |
| • Economic Research Service, | • 1890 Land-Grant Colleges including Tuskegee University. |

National Sustainable Agriculture Advisory Council Responsibilities

The National Sustainable Agriculture Advisory Council is responsible to the Secretary of Agriculture through CSRS and ES. The specific responsibilities are to:

- make recommendations to the Secretary concerning research and extension projects that should receive funding;
- promote Sustainable Agriculture research and education programs at the national level;
- coordinate research and extension activities funded under Subtitle B.
- establish general procedures for awarding and administering resources;
- consider recommendations for improving the program;
- facilitate cooperation and integration between sustainable agriculture, national water quality, integrated pest management, food safety and other related programs; and
- prepare and submit an annual report to the Secretary (Section 1622).

Regional Administrative Councils

Not less than four Regional Administrative Councils will be appointed. Each Council shall include representatives from:

- Farms/ranchers using systems and practices of Sustainable Agriculture. Initially, appointments should include farmers/ranchers representing Best Utilization of Biological Applications, and farmers/ranchers representing Integrated Management Systems,
- Non-profit organizations with demonstrable expertise in Sustainable Agriculture. Initially, appointments should include organizations representing Best Utilization of Biological Applications Integrated Management Systems.
- Agribusiness with demonstrable expertise in sustainable agriculture, and one representative each from the:

- Agricultural Research Service,
- Cooperative State Research Service,
- Extension Service,
- State Cooperative Extension Services,
- State Agricultural Experiment Stations,
- Soil Conservation Service,
- Environmental Protection Agency,
- State Agency Representing Sustainable Agriculture,
- State or United States Geographic Survey; and
- Other individuals knowledgeable about Sustainable Agriculture and its impacts on the environment and rural communities.

Regional Administrative Councils Responsibilities

Regional Administrative Councils are responsible to the Secretary of Agriculture through the CSRS-ES SARE partnership.

- appoint a Regional Host Institution and Regional Coordinator, subject to the approval of the Cooperative State Research Service and Extension Service.
- making recommendations to the National Sustainable Agriculture Advisory Council concerning research and education projects that merit funding.
- promote sustainable agriculture research and education programs at the regional level;
- establish goals and criteria (including review procedures) for the selection of projects within the applicable region;
- appoint Technical Committees for evaluation of proposals for projects to be considered for funding;
- review and act on the recommendations of the Technical Committees and coordinate their activities with the Regional Host Institution.
- prepare and make available an annual report concerning regional activities in Sustainable Agriculture (Section 1622).

Regional Host Institution

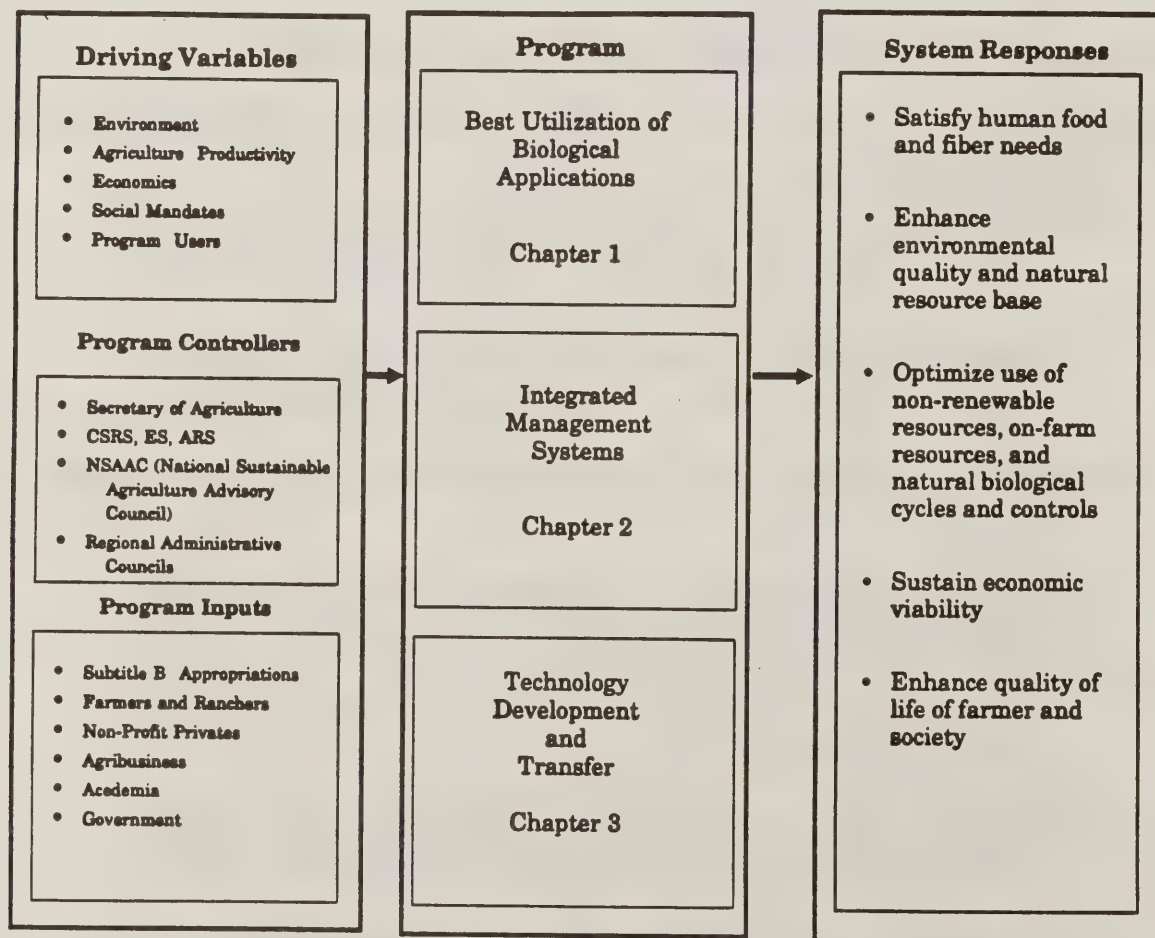
Regional Host Institutions and Regional Coordinators are responsible for management of the respective Regional Sustainable Agriculture Research and Education Program for the Regional Administrative Council in conjunction with the Cooperative State Research Service and Extension Service.

Appendix 1. Footnotes

1.1 Congressional Record, October 22, 1990, Page M 11324.

1.2 Congressional Record, August 1, 1990, Page H 6601; colloquy between Mr. Brown and Mr. Perry regarding Sustainable Agriculture

Appendix 2.



Appendix 2. Sustainable Agriculture Research and Education Program (SARE).

Sustainable Agriculture Operations Committee as of May 1991

Representing CSRS

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